

### Application

- ✓ Wiring harness for regions with extended temperature.
- ✓ Single cable wiring for car body or regions with moderate temperatures.
- ✓ Using copper alloy with high values will lead to an excellent signal cable for low-current applications, for example for switches and sensors.

### Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Extra flexibility.
- ✓ Light weight
- ✓ Excellent resistance to oil and flame.
- ✓ RoHS.

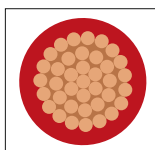
### Product Construction

- ✓ Conductor : Strands of copper alloy.  
CuSn0.3 alloy; IACS 72%.  
Sn content 0.3 ±0.05%.
- ✓ Insulation : Polyethylene, Corss-linked(XPE).  
(Reduced wall thickness).
- ✓ Colour : As per customer order.

**Automotive  
Cables**

**FLCuSn03R2X T3**

### 2D View



### Technical Data

- ✓ Temperature Range :  
-40°C to 125°C / 3000h
- ✓ Voltage : 60V.
- ✓ Thermal Overload : 200°C (Short term).
- ✓ Min. Bending radius : 5XD (Static).
- ✓ FL : Automotive Cable.
- ✓ CuSn03 : Copper alloys.
- ✓ R : Reduced wall thickness.
- ✓ 2X : PE-X (Polyethylene cross linked).
- ✓ Standard : ISO 19642-3.

ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS <sup>TM</sup> Certification
IAS INTERNATIONAL ACCREDITATION SERVICE	LABCO	ARAI <sup>®</sup> Approved by Renault	REACH compliant	RoHS compliant	CE

Part Number	Conductor Construction				Insulation Wall Thickness Min.	Cable			Max. Conductor Resistance at 20°C	Current Carrying Capacity at Ambient temperature 40°C	Standard Length*
	Nominal Cross- Section	No. of Strands	Diameter of Single wire Max.	Conductor Diameter Max.		Core Diameter		Weight Approx.			
						Min.	Max.				
	mm²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
D22801XX	0.13	7	0.16	0.5	0.20	0.95	1.05	2	170	6	500

Note : XX\* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	



Siechem Wires & Cables Meet EU RoHS Directive

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